SYNA INTERNATIONAL SCHOOL, KATNI
SUMMER ASSIGNMENT (2024-25)
GRADE-IX

ENGLISH

PROJECT ASSIGNED FOR SUMMER VACATION-Include the details:
1. Create your own newspaper by collecting the different headlines from the different newspapers and writing the content in your own words.
2. Differentiate between the present (old) and future schools with all the aspects and beautiful pictures shown in the chapter' The Fun They Had'.
Procedure to follow:
1. How to do: Compile and present your content in a project file(A-4 size sheets) with attractive cover page(self made Is prefered).
2. Parameter for assessment: Accuracy, content, authentication.
3. Presentation: Design your cover page using your creativity and make it attractive by highlighting the important ones.

HINDI

1. हिन्दी भाषा का महत्त्व स्पष्ट करते हुए यह बताइए कि वर्तमान समय में भारत और विश्व के अन्य देशों में हिन्दी भाषा की क्या स्थिति है ? फाइल तैयार कीजिए।

2. प्रेमचंद की अमर कहानियाँ पुस्तक के पाठ – (1. नशा 2. बैर का अंत 3. सभ्यता का रहस्य 4. लॉटरी)पढ़कर उसका सारांश फाइल में लिखिए।

SCIENCE

1. Model on fractional distillation of petroleum.
2. Working model on purification of water.
3. Charts/Working model of plant cell and animal cell.
4. Prepare models/chart of endoplasmic reticulum, mitochondria, nucleus, chloroplast
5. Working model on conservation of energy.
6. Model on transverse wave and longitudinal wave.

ASSIGNMENT : [TO BE DONE IN 100 PAGES SMALL TEST COPY]

1. Write basics of the number system with examples (Natural number, whole number, integers, rational and irrational numbers.).
2. Evaluate the expressions when a = 5, b = 4 and c = -10
   (a) 8a / 5b (b) 3abc + 4b + 5ab (c) 10bc - 2ac + 2ca (d) 3abc + 4ab +10 c
3. Show that $\sqrt{5}$ can be represented on the number line.
4. Find 5 rational numbers between ⅗ and ⅘
5. Open- ended: Write terminating and non terminating decimals with examples.
6. Subject integration: Find the sum of 0.0333…. and 0.4444…..
7. Critical Thinking: Represent $\sqrt{9.3}$ on the number line geometrically.
8.(a) Give Laws of exponents of real numbers with examples.
   (b) For any positive real number, find the value of $(xa/xb)^{a+b} \times (xb/xc)^{b+c} \times (xc/xa)^{c+a}$
9. Analysis error: Teacher asked the students 'Can we write 0.4777… in p/q form as 47/100' ? student answered ' No, it is 43/90'.
   Identify the error and rectify it.
10. Assertion and reasoning : In each of the following questions, an Assertion (A) and a corresponding Reason (R) supporting it are given.Study both the statements and state which of the following is correct.
   (a) Both A and R are true and R is the correct explanation of A.
   (b) Both A and R are true and R is not the correct explanation of A.
   (c) A is true but R is false
   (d) A is false but R is true.
   1. Assertion (A) : -1 is the smallest negative integer
      Reason (R) : On a number line, -1 is the closest integer to 0 among all the negative integers.
   2. Assertion (A) : On a number line, 16 and -16 are equidistant from 0.
      Reason (R) : The absolute value of 16 and -16 are the same.
   3. Assertion (A) : Every whole number is a natural number except 0.
      Reason (R) : Every natural number is a whole number.

PROJECT / ACTIVITY :

1. CONSTRUCT A SQUARE ROOT SPIRAL [TO BE DONE IN MATHEMATICS LAB MANUAL]

2. Make a mathematical working model on any topic which would be selected from

You – Tube or from any other Google sites.

Prepare A Pen Paper or A PPT project on the basis of following guidelines :

 "The economic contribution/impact of tourism refers to the actual expenditures of visitors. In economic valuation terminology, these expenditures represent the visitors' revealed willingness to pay and thus, a market price for recreation."

Based on this, prepare a project work by choosing the places to visit, currency, impact of weather, roads, hotels, language in India, US, Bali, Japan, Australia, China, Singapore in the past 10 years.

TOURISM

PROJECT A:
- Fam Tour
- Contents
- Unit Overview & Description
- Visit to a Tourism Organization(Travel Agency / Tour Operator)
- Report on the Visit
- Visit to Local/Nearby Museum
- Report on the Visit
- Do's and Don'ts for Tourist (Sustainable Practices)

PROJECT B
- Sustainable tourism practices and their impact on local communities and the
- environment.

- The role of technology in enhancing the tourist experience.
- Cultural heritage preservation and its importance in tourism.
- Tourism marketing strategies and their effectiveness.
- The impact of global events (such as pandemics or natural disasters) on tourism.
- Tourism policy and governance at local, national, and international levels.
- The influence of social media on tourist behavior and destination choices.
- The development of ecotourism and adventure tourism.
- Tourism's contribution to the economy and employment in specific regions.
- The ethical considerations in wildlife tourism and animal welfare.

ART/CRAFT

NATURE STUDY (FLOWER PAINTING)-1
https://pin.it/3XVIL4S
https://pin.it/4d4rhag
https://pin.it/2fUT9X6
https://pin.it/1nw2Gnb
Medium- Water colour on Cartridge sheet
Sheet size- A3

MUSIC

WORLD MUSIC
Students have to research and prepare PPT of 8-10 slides for which part of the world music do they like. Details may include their type of music, name of musical instruments used and performances.